

**SUMTER COUNTY BOARD OF COMMISSIONERS
EXECUTIVE SUMMARY**

SUBJECT: Pavement Management Program Development

REQUESTED ACTION: For information

☒ Work Session (Report Only)

DATE OF MEETING: 5/17/2011

☐ Regular Meeting

☐ Special Meeting

CONTRACT: ☐ N/A

Vendor/Entity: LSMPO/VHB

Effective Date: _____

Termination Date: _____

Managing Division / Dept: _____

Public Works Division/Engineering

BUDGET IMPACT: TBD

☐ Annual

FUNDING SOURCE:

CTT and ST

☒ Capital

EXPENDITURE ACCOUNT:

☐ N/A

HISTORY/FACTS/ISSUES:

The Board of County Commissioners approved the interlocal agreement with the Lake Sumter MPO for development of the Sumter County Pavement Management Program on November 23, 2010, and the LSMPO Board approved it on December 8, 2010.

Since that time, the MPO's consultant, Vanasse Hangen Brustlin, Inc.(VHB), has been working with the Engineering Branch of Public Works driving roads, gathering data, developing GIS layers, and installing and training PWD staff on the use of the US Army Corps of Engineers MicroPaver software. They have also been developing the algorithms that will produce the final prioritized pavement management program, based on both the pavement condition index (PCI) derived by MicroPaver, and additional criteria as specified by PWD such as average daily traffic (ADT), % trucks, adjacent land use, and others.

The purpose of the presentation at today's workshop is to brief the Board on:

1. Pavement management concepts.
2. Overall status of the Sumter County road network (average PCI).
3. PCI distribution within the County.
4. GIS map of all roads and PCI.
5. Current backlog of roads needing repair/renovation in miles, costs, and treatment bands.
6. Gross funding scenarios and relative impact.
7. Annual road program development issues.

VHB has produced the first cut of PCI's for every road in the County. However, the final ranking of roads must still include the ADT from the traffic counts (just wrapping this up), and the other factors mentioned above. These factors will greatly change the final rankings.

There will be a second Pavement Management presentation at the June 21 workshop. At that time we will present the recommended FY12 Pavement Management program to include final rankings, recommended treatment for each and cost, and recommended program for the rest of the FY12-16 CIP.

Attached: Pavement Management PPT briefing
